

## Product datasheet for **AR50845PU-N**

### **CAMP / CAP18 (34-173, His-tag) Human Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	CAMP / CAP18 (34-173, His-tag) human recombinant protein, 0.1 mg
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	MGSSHHHHHH SSGLVPRGSH MGSQVLSYKE AVLRAIDGIN QRSSDANLYR LLDLDP RPMT DGDPTPKPV SFTVKETVCP RTTQQSPEDC DFKKDGLV KR CMGTVTLNQA RGSFDISCDK DNKR FALLGD FFRKSKEKIG KEFKRIVQRI KDFLRNLVPR TES
<b>Tag:</b>	His-tag
<b>Predicted MW:</b>	18.4 kDa
<b>Concentration:</b>	lot specific
<b>Purity:</b>	>90% by SDS - PAGE
<b>Buffer:</b>	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M UREA, 10% glycerol
<b>Preparation:</b>	Liquid purified protein
<b>Protein Description:</b>	Recombinant human CAMP protein, fused to His-tag at N-terminus, was expressed in E.coli.
<b>Storage:</b>	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>RefSeq:</b>	<a href="#">NP_004336</a>
<b>Locus ID:</b>	820
<b>UniProt ID:</b>	<a href="#">P49913</a> , <a href="#">J3KNB4</a> , <a href="#">A0A384NPRO</a>
<b>Cytogenetics:</b>	3p21.31
<b>Synonyms:</b>	CAP-18; CAP18; CRAMP; FALL-39; FALL39; HSD26; LL37



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**Summary:**

This gene encodes a member of an antimicrobial peptide family, characterized by a highly conserved N-terminal signal peptide containing a cathelin domain and a structurally variable cationic antimicrobial peptide, which is produced by extracellular proteolysis from the C-terminus. In addition to its antibacterial, antifungal, and antiviral activities, the encoded protein functions in cell chemotaxis, immune mediator induction, and inflammatory response regulation. [provided by RefSeq, Sep 2014]

**Protein Families:**

Secreted Protein, Transmembrane

**Product images:**